

AMENDMENTS TO THE SPECIFICATION:

Please amend the specification as follows. Deletions to the Specification are shown in strikeover text, while additions to the Specification are noted by underlined text.

- a. Please amend the paragraph starting on page 9, line 18 (paragraph number [0038] in the published number 20020131511) as indicated below.

[0038] Referring again to FIG. 3, the database 318 generates a series of tags and markers 320 in the manner described above. These tags and markers 320 are applied to the encoder 308 together with the video stream 306. The encoder 308 encodes the video stream 306 in one of several different ways to generate a video stream 322 that is encoded with the tags and markers. The video ~~stream 306~~ encoded with tags and markers 322 can then be applied to a recognition/filter device 326 where the user profile and preference data 330 is compared with the tags and markers data with the result being sent to a display (TV) 328 for real-time or near real-time viewing. The video stream 306 can also be output to a video recording device 324 to record the video 322 that has been encoding with the tags and markers for later use.

- b. Please amend the paragraph starting on page 11, line 5 (paragraph number [0044] in the published number 20020131511) as indicated below.

[0044] FIG. 5 is a schematic block diagram illustrating the manner in which a time encoded video signal can be encoded with tags and markers. As shown in FIG. 5, a video signal can be generated from various types of video sources such as video camera 500, a video player 502, or any other type of video source 504. These sources may be capable of generating a video signal 506 that is encoded with a time code. The time code may be embedded in the video stream or may be provided as a separate channel. The time encoded video stream 506 is applied to a time code reader 508. The

time code reader 508 is capable of reading the time code from the video signal and, as such, constitutes a time code decoder. The time code 512 that is extracted from the time encoded video signal 506 by the time code reader 508 is applied to an address generator 511. Address generator 511 generates an address signal 514 in response to the time code signal 512. The address information 514 is applied to the database 516 to access data stored in the database 516 at the address location corresponding to the address information 514. Database 516 stores tags and markers information (indicators) at various addresses that are accessed in response to the address information 514. The indicators 518 that have been accessed are applied to the encoder 520. In other words, the database 516 is programmed to include indicators at address locations that correspond to selected locations within the video stream that, in turn, correspond to the time code information that has been translated into addresses within the database. The encoder 520 encodes the indicators in the video stream 510 in one of the ways described above. The encoder therefore produces a video stream 522 that is encoded with tags and markers. The video stream 522 can then be applied to a recognition/filter device 326 526 where the user profile and preference data 530 is compared with the tags and markers data with the result being sent to a display (TV) 528 for real-time or near real-time viewing. The video stream 522 can also be output to a video recording device 524 to record the video 522 that has been encoding with the tags and markers for later use.

c. Please amend the paragraph starting on page 12, line 1 (paragraph number [0045] in the published number 20020131511) as indicated below.

[0045] FIG. 6 is a schematic block diagram that illustrates another method of encoding a time encoded video stream with indicators such as tags and markers. As shown in FIG. 6, a video source 600, which can comprise any desired video source, generates a time encoded video stream 602. The time encoded video 602 is applied to a time code reader 604 that reads the time code 606 from the time encoded video

stream ~~608~~ 602. The video stream 608 is applied to an encoder 610. The time code signal 606 is applied to a comparator 612. The comparator 612 accesses database 616 via connector 614 to access a table that includes time code listings and associated database addresses at which tags and markers are stored and that are to be inserted at the corresponding time code location in the video stream. Comparator 612 compares the time code signal 606 with the time codes of the table and retrieves a corresponding database address upon a favorable comparison. The database address is then accessed in the database 616 where a marker or tag is stored. A marker or tag 618 is then produced at the output of the database 616 and applied to the encoder 610. The encoder 610 encodes the video 608 with the tag or marker to generate a video stream 620 encoded with tags and markers.

d. Please amend the paragraph starting on page 13, line 25 (paragraph number [0049] in the published number 20020131511) as indicated below.

[0049] The video recognition analyzer 804 functions to establish content of the video 802 through a variety of techniques such as rating code, graphic recognition, flesh tones, audio keywords, etc. Once the content of the video has been identified, a content ID signal 805 is sent to a comparator 818. The comparator 818 accesses a database 814 to evaluate the content ID signal 805 and assigns the content to standard tags and markers 816 from the database 814. The tags and markers 820 are then synchronized with the delayed video 808 with time synchronizer 810. The synchronized tags and markers 824 are inserted into the delayed video signal 808 by an encoder 812 and output as delayed video encoded with tags and markers 821.

e. Please amend the paragraph starting on page 18, line 23 (paragraph number [0059] in the published number 20020131511) as indicated below.

[0059] The foregoing description of the invention has been presented for purposes of illustration and description. It is not intended to be exhaustive or to limit the invention to the precise form disclosed, and other modifications and variations may be possible in light ~~in~~ of the above teachings. The embodiment was chosen and described in order to best explain the principles of the invention and its practical application to thereby enable others skilled in the art to best utilize the invention in various embodiments and various modifications as are suited to the particular use contemplated. It is intended that the appended claims be construed to include other alternative embodiments of the invention except insofar as limited by the prior art.